Howard, Briggs, Kamb, Lane, et. al.
Cuba

CUBA 1951

ROYAL

COMPOSITIONS

NAME _____

_____

VERNON ROYAL LINE

CUBA 1951

R. A. Howard
Biological Laboratories
Cambridge 38, Mass. USA

CLASS PROGRAM

NAME _____ ADDRESS _____

SCHOOL _____ CLASS _____

		PERIOD 1	PERIOD 2	PERIOD 3	PERIOD 4	PERIOD 5	PERIOD 6	PERIOD 7	PERIOD 8
TIME	FROM								
	TO...								
MONDAY	SUBJECT								
	ROOM								
	INSTRUCTOR								
TUESDAY	SUBJECT								
	ROOM								
	INSTRUCTOR								
WEDNESDAY	SUBJECT								
	ROOM								
	INSTRUCTOR								
THURSDAY	SUBJECT								
	ROOM								
	INSTRUCTOR								
FRIDAY	SUBJECT								
	ROOM								
	INSTRUCTOR								
SATURDAY	SUBJECT								
	ROOM								
	INSTRUCTOR								

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CUBA

R. Howard, W. Briggs, P. Kamb, I. Lane, R. Pittland,
E. E. Smith.

2 sets R. Howard - 1 gray, 1 Soldat
1 " Briggs
1 " Lane
1 " Pittland
Remainder Kamb

25 00 Cuba

To type
288
94

To do - 431, ~~215~~, ~~401~~, ~~228~~, ~~316~~
~~264~~
~~264~~, ~~214~~, ~~215~~ 200

Gavilan - Los Villas July 3, 1951

Collections from limestone outcrop of Potrero Sebruco between Tierra Rija & mangrove swamp near Caribbean.

1 (1) Malpighia glabrosa HBK Recent Malpighiaceae
(1) 4' shrub, steep

2 (1) Hippocratea racemosa Lamk. Menispermaceae
(1) 5' shrub, steep

3 (2) ~~Rondeletia pedunculosa~~ OK Rubiaceae
(2) thin lf, fls on long peduncles
Rondeletia pedicellaris C. Wr.

4 (3) Leucocroton microphylla (Rich.) Pax & Hoffm. by W.B.
(3) Euphorbiaceae

5 (2) Pseudocarpidium Wrightii Millsp Verbenaceae
(3)

6. (1) Stigmaphyllon sagittatum A. Juss. Malpighiaceae
(1)

Capparis flexuosa L. by W.B.

7 (1) Capparis flexuosa OK

(7) scrambling shrub to 12', branches long arching or climbing

8 (4) Leucaena glauca (L) Benth. 3

(4) 20' tree, fl white, fr tan-chestnut

9 (1) Adelia Ricinella L.

(1)

10 (1) Tillandsia flexuosa Sw.

(1) epiphyte

11. Hebestigma cubensis (HBK) Urb.

(2) one of largest trees of area, to 25', shrub

Acalypha chamaedrifolia (Lam.) Muell. by W.B.

12 (2) Acalypha chamaedrifolia OK

(2) woody but on edges of savanna & inf. red

But this plant almost di-oecious – cf. # 307

13 (3) Duranta repens L. Verb.

(5) shrub to 7' – fl blue, fr orange or yellow

Bailey 2/3/51

14 (4) Phthirusa purpurea (L.) Eichl. Loranthaceae
(5) parasite

✓15 (6) Celtis Iguanaea (Jacq.) Sarg.
(7) scrambling woody vine, edge of pond in limestone - branches to 25' - fr green

16 (6) Tabebuia petrophila Britton. Bignon
(8) 6-12' shrub, fls pale lavender, lv green

17 (5) Guettarda elliptica ok Rub
(7) Guettarda elliptica Sw. By W.B.

18 (6) Forestiera rhamnifolia Brit. ~~Oleac~~ Oleacea
(9) tree of 15' - stamens white

19 (12) Hibiscus pilosus (Sw.) F+R. pubescens ok
(3) woody base to 4' - fls bright red

20 (2) Adelia Ricinellata L.?

(1)

21 (6) Ampelocera cubensis Griseb. Ulmaceae

(8)

22 (3) Lantana petiolata Pers. OK

(4) shrub 2-4', fl. pale lavender

23 (2) Tricopteris rigida Sw. OK

(2) vine in the tops, leaves coriaceous, strict

24 (6) Croton lucidus OK Croton lucidus L. by W.B.

(9) 5' shrub, fl. greenish-white, b. red-varnal

25 (2) Argythamnia candicans, Sw. by W.B. Euphorb.

(9) shrub 2-4' - fl. dark green, stiff, setiny

(10 5) pubescent - drying iridescent blue-green

Gavilan 2/3/51

26 Serjania subdentata OK — Sapind
(2) vine in tree tops - stems, lt dark green
Serjania subdentata Juss — by W.B.

27 (1) Erythroxylon areolatum OK — Erythroxyl
(11) 10' shrub, fr bright red
Erythroxylon areolatum L. by W.B.

28 (1) ~~Acacia tenuifolia~~ (L) Willd. — Legum
(7) scrambling woody vine, fl. white - cream

29 (2) Pluchea sp. OK — Comp
(2) stem shrub to 5'
Pluchea odorata (L.) Cass. by W.B.

30 (1) Passiflora suberosa L. OK — Passif
(1) vine, fr green

31 (120) Cuspidiptera cubensis Britt. — Tetra
Excicata 15' tree of red soil area, dbh 4", fl. rose-purple

32 (3) Morinda royoc ok — Rubiaceae

(3) spreading bush to 5' – fl white, fr green-yellow

Morinda Royoc. L. by W.B.

33 (3) ~~Caesalpinia~~ Pithecellobium Hysterix (A. Rich.) Benth. — Legum.

(4) low shrub of 5' – white

34 (8) ~~Cassasia~~ Randia spinifex (R & S) Standley by W.B. — Rub.

(8) spiny shrub to 10', fl white, fr green-brown or gray-brown, compact plant

√35 (3) Plumeria obtusa var. typica (Boldet 1927H) — Apocy.

(3) shrub or tree to 8' – white – petals soon permanent

Plumeria obtusa L. by W.B.

36 (2) Amyris elemifera — Rut.

(3) Amyris elemifera L. by W.B.

√37 (2) Portulaca pilosa L.

(3) not in flower, no obvious pubescence, on limestone

152

Bowlon 7/3/57

38 (1) ~~Stigmaphyllon sagraeanum A. Juss.~~ Malpigh

(1) climbing by vine

39 (2) Setaria distantiflorum OK.

(3) grass in small clumps in soil pockets

Setaria distantiflorum (A. Rich.) Pilger.

40 (1) Urechites lutea OK Apocyn

(1) climbing vine, fls yellow

Urechites lutea (L.) Britt. by W.B.

41 (3) ~~Guiacum sanctum L.~~ OK Zygophyll

(3) shrub shrub to 7', lv coarsely green, dull

42 (3) Erythroxylon sp. OK

(3) low bush, 4'-, lv lighter below, spreading shrub

Erythroxylon areolatum L. by W.B.

43 (7) Erythroxylon rotundifolium OK

6' bush, lv smooth, lighter below, shrub

(8) Erythroxylon rotundifolium Lunan by W.B.

Strumpfia maritima Jacq. by W.B. not on transect

(6) [illegible]

(2) [illegible]

Guettarda calyptrata Rich., By W.B.

(3) [illegible]

Hippeliste trifoliata Dec. by W.B.

Tournefortia densiflora (Spreng.) Britton

(10) [illegible]

Dendrosenecio Jedeloe (L.) Fawcett, Journ. Bot. 57: 18, 1919

(5) [illegible] Euphorb

by W.B.

Celtis trinervia Lam.

(4) [illegible]

(20)

(1)

Guettarda elliptica Sw. by W.B.

(10)

Rhacoma crossopetalum L. by W.B.

Bumelia glomerata Griseb. by W.B.

(2)

Sapot.

(6)

Schoepfia fruticosa Jacq. by W.B.

(4)

Capparis Jürbachii Eichl. by W.B.

Daphne sessiliflora (Sw.) Willd. by W.B.

Euphorb.

(9)

Bouvardia, ~~sp. nov.~~ vigata (Sw.) G. Don.

(2)

~~Bouvardia cornifolia DC. Schlt., var. glaucia, DC. Schlt.~~
??? ??

by W.B

(14)

Capparis cynophallophora L. by W.B.

(2) Cassia sylvestris Sw.

Vitex divaricata, var. var. cubensis Urb.

(6)

(2) Schaefferia frutescens Jacq. by W.B.

(10) Tournefortia peruviana Pers. by W.B

Ficus laevigata Vahl.

(15)

---

(7)

Ageria pulsilla L.

(6)

Cordia globosa (L.) H.B.K. by W.B.

~~Exostema caribaeum (Jacq.) R.&S. by W.B. Hope.~~

(1) Cordia Gerascanthus L.

(1) Anathacanthus ~~spinosus (Jacq.) Nees. by W.B.~~
tetrastichus C.Wr. by W.B

---

(4)

Exostema caribaeum (Jacq.) R.&S.

(3) Gymnanthes lucida Sw. by W.B.

Dorstenia Lanii sp. nov. (Hund + Buijs) TYPE

(1)

Rhacoma aquifolia (Griseb.) Urb. by W.B.

(1) Maytenus buxifolia (A. Rich) Griseb. by W.B.

Randeletia Combsii Greenm.

(1)

(8) Guettarda rigida A. Rich, by W.B.

Aristolochia passiflorifolia A. Rich.

~~(2)~~

(12)

Aristolochia passiflorifolia A. Rich. By W.B.

(2) Casearia sylvestris Sw. var. myricifolia Griseb. By W.B.

Bixaceae

(11) Bursera inaguensis Britt. By W.B.

(1) Croton nummulariaefolius A. Rich By W.B.

Croton sp.

(1) Croton prostratus Urb. By W.B.

(1) a) Evolvus minimus Oestrh. By W.B.

(2) b) Evolvus sericeus Sw By W.B.

Galactia parvifolia A. Rich. RAH

(4)

Platygyne hexandra (Jacq.) Müll. by W.B.

(4)

(11)

Heliotropium Curassavicum. H.B.K. by W.B.

OK Genista spinosa Gmb.

(1)

(13) Bauhinia rotundifolia (Jrisso) by W.B.

Croton heterophyllus Lk.

(1)

(6)

Rhabdemia cubensis Mull. Arg. by W.B.

(5)

Andropogon glomeratus (Walt.) B.S.P.

(6)

Eugenia clarensis Britt. & Wils. by W.B.

(8)

Metastelma cubensis Dcne. by W.B.

(2)

Stigmaphyllon bigaeanum A. Juss.

OK.

Byronima crassifolia (L) DC

(1)

Pera bumelifolia Griseb. by W.B.

Euphorb.

OK. Pera bumeliaefolia

Dipp.

(7)

Psidium cotastroides Ch.

(7)

Wattb.

(1) Wattberia americana L. By W.B

Elytraria Shaferi OK.

(3)

Elytraria Shaferi (Wils.) Leonard, by W.B.

(7)

435 Panicum exiguifolium Griseb. !

Paspalum filiforme ok.

(10) Paspalum filiforme Sw

(2) Setaria utowanaea (Schrib.) Pilg

Chloris cruciata ok

(5) Chloris cruciata (L.) Sw

Andropogon multinervosus ok

(16) Andropogon multinervosus (Hack.) Hi. & Ch.

Aristida neglecta ok

(5) Aristida neglecta Scon.

Rhynchospora tenuis Link

(11)

Fimbristylis spathacea Roth.

(3)

(10)

Borreria microphylla, Gmelin var. asperifolia, C.E. Schulz by W.B.

(2) IN FRUIT !!!

Xanthoxylum rumiophyllum, (Urb.) Howard by W.B.

Leucocroton revolutus Urb.

(6)

Cassytha filiformis L.

(2)

Croton Reticulatus Urb. by W.B.

(4) ~~Croton [illegible] Griseb.~~

Leaves are somewhat larger than normal given range of variation.

(11)

Solanum aculeatum (Jacq.) Schultes.

(7)

Acidocroton oligostemon Urb. Euphord

Ac

(5)

(5)

Rhabdia muscifolia Griseb. by W.B.

Tetramelin Babbisini Schultes

(1)

(5)

Tabernaemontana amblycarpa Urb. by W.B.

Pseudocapitium Wrightii Miers Pert.

(8)

(3)

Casearia apinosecens (Lin.) Jacq. by W.B.

(12) Theo.

Ternstroemia peduncularis DC by W.B.

~~Turnera ulmifolia L.~~

(1)

(7)

Rondeletia odorata Jacq. by W.B.

(12)

Chrysophyllum oliviforme L. by W.B.

~~Genoria opinia Swart.~~

(2)

Genoria ginoriodes (Grisb.) Britton

(6)

(1) Guettarda calyptrata Rich. by W.B.

(3)

Exogonium microdactylum (Grisb.) House.

Galactia savannarum Brit.

(3)

Davia bahamensis Britt. by W.B

(10)

Cissus sicyoides L.

(2)

(1) Tabebuia ligulata (HBK) Britt. by W.B.

Karwinskia oblongifolia (Brit. + Wils.) Urb.

(9)

(2)

Neobracia Valenzuelana (Rich.) Urb. By W.B.

Jacquinia stenophylla Urb.

(12)

Tillandsia bulbosa Hook.

(3)

Bacopa micromonnieia (Brit.) Rob.

(2)

(3)

Sporobolus indicus "

(6) Sporobolus indicus (L.) R. Br.

Setaria utowanaea ok

(6) Setaria utowanaea (Schlm) Pilg.

Exogonium microdactylum (Griseb) House.

(1) sterile record –

Erythroxylon emmitifolium Griseb.

[illegible] July 3, 1907

[illegible] Rajania Wilsonii Mont.

(2) [illegible]

(614)

Hanalei Falls July 9, 1951

141 Tabebuia angustata, Brit. & W.B. [illegible]
(1) [illegible]

142 Piper pubescens Lieb.
(8) [illegible]

143 Desmodium tortuosum (Sw.) DC.
(3) [illegible]

144 Justicia Rugeliana (Gray) Ind. & W.
(2) [illegible]

145 Bomaria edulis (Tuss.) Herb.
(3) [illegible]

146 Adiantopsis prolata (Hook) Brown

(1)

147 Mitracarpus aquarrosus C. & S.

(4)

Mitracarpus aquarrosus C. & S. by W.B.

148

(6)

Gesneria acuminata Urb. by W.B.

149 sp.

(3)

Psychotria longiloba Sw. by W.B.

150

(7)

15'

Rhipsalis cassutha Gaertn. by W.B.

65

Huckerville [illegible] June 5, 1[illegible]

(15) Scaridaceæ Lamarckii Grisb. P

(9) [illegible]

152 Teucrium vesicarium Mill.
(4)

Paspalum conjugatum Berg

153 Jussiaea suffruticosa L. var. bijugifolia (HBK) Grisb
(1)

Metracarpus

(4)
Metracarpus squarrosus C. & S. Ay W. B.

154 Asplenium serratum L.
(2)

155 Polypodium heterophyllum L.
(6)

Polypodium polypodioides (L) Wett.

(2)

Polypodium lycopodioides L.

(1)

Polypodium latum (Mrne) Sodiro

(10)

Malaxis domingensis Ames det. F. J. Lane 18-3-52

(1)?

this is probably nothing more than a var. of M. spicata if even that!

Passiflora rubra L.

(8)

Passiflora capsularis L.

(2)

Passiflora tubra L.

(3)

Tectaria heracleifolia (Willd.) Underw.

(4)

Pilea ciliaris (L) Wedd. Urticaceae

(2)

Boehmeria cylindrica (L) Sw. Urticaceae

(6)

(1) Eglites viscosa (L.) Less. by W.B.

Lobelia Cliffortiana L.

(4)

Polygonum punctatum Ell.

(5)

(3) ~~Guazuma~~ ulmifolia Lam. by W.B.
Guazuma

(3) Syzygium Jambos (L) Alst.

(2) Dryopteris sancta (L) Kze

(2) Polypodium latum (Mann) Sodiro

(1) Malachra fasciata Jacq.

(2) Dryopteris subtetragona (Link) Mason

(726)

(4)

Tournefortia hirsutissima L. by W. B.

Tectaria heracleifolia (Willd.) Underw.

(6)

Dryopteris serra (Sw.) Kze

(5)

Desmodium axillare (Sw.) DC. var. axillare

(5) deep lavender; stems trailing; flowers red

Boraginaceae

(1) Cordyla nitosa A. Rich. by W.B.

183. Oxalis intermedia A. Rich. Oxalidaceae
(6) Bottoms, bell-scales light tan;
flowers rose-purple

184. Pavonia fruticosa (Mill.) F. & R. Malvaceae
(7) Woody herb, to 4 ft. tall, flowers white

185. Phyla scaberrima (Juss.) Moldenke Verbenaceae
(6) River bank plant, long trailing branches;
flowers white, foliage aromatic

186. Begonia Begoniaceae
(6) Rocky hillside, succulent; leaves dark green
pale below, veinlets red, fruiting capsule
pink, wing of fruit stocked with pit.
Begonia obliqua L. by W. B.

187. Selaginella [illegible] Selaginellaceae
Gametes appeared.

188 Selaginella stolonifera (Sw.) Spring. [illegible]
(7) [illegible]

189 Vernonia cinerea (L.) Less. Compositae
(1) Ray flowers white, disk flowers yellow

190. Oxalis corniculata L. Oxalidaceae
(2) Reported as naturalized; flowers bright yellow; abundant in coffee area

191. Wedelia Compositae
(3) Leaves dark green shiny above, pale beneath; rays bright yellow, disk flowers yellow; [illegible] stem
Wedelia rugosa Greenm. by W.B.

192. Sambucus Caprifoliaceae
(3) 6 ft shrub in open areas; fruits purple-black.
Sambucus Simpsonii Rehd. by W.B.

193 Chiococca alba — Cephaelis
(5) 10-40 ft tree; leaves dark green above, lighter below, fruits purple-black
Oendropanax arboreus (L.) D.C. & Planch. By W.B.

194 Capsicum baccatum — Solanaceae
(1) Spreading bush to 4 ft tall, fruits becoming red
Capsicum baccatum L. by W.A.

Euphorbia heterophylla L. by W.B.

195 Euphorbia heterophylla — Euphorbiaceae
(1) Common weed, back leaf, upper leaves occasionally variegated

196 Tectaria incisa Cav. — Polypodiaceae
(1)

197 Chione — Rubiaceae
(5) Common genus of coffee weed
Pharus glaber H.B.K.

198 Elephantopus — Compositae

(1) Flowers white

Elephantopus nudatus HBK. by W.B.

199 Argemone mexicana L. — Papaveraceae

(1)

200 Peperomia — Piperaceae

Peperomia rotundifolia (L) HBK

/ Leaves yellow-green, Flowers

yellow-green, appressed spikes

201 Catopsis — Bromeliaceae

/ Catopsis floribunda (Brongn) L. B. Smith

✓ 202 Odontonema — Acanthaceae

(1) 7½" tall, 6 ft. tall

Odontonema callistachyum (C & S) Kntze by W.B.

Garden escape?

203 Desmodium axillare (Sw.) DC. var. axillare Papilionaceae
(3) Branching herb, flowers red

204 Hamelia patens Rubiaceae
(7) 18 ft. shrub, flowers red orange, stem reddish, petioles & midribs red; fruit black
Hamelia patens Jacq. by W.B.

205 Porophyllum ruderale (Jacq.) Cass. by W.B. Compositae
(1) Flowers yellow green, to 6 ft. tall in open land

Croton lobatus L. Sp. Pl. 1005, 1753

206 ~~Jatropha~~ Euphorbiaceae
(7) Glandular hairs of mature leaf, to 3 ft. tall.

207 Brassica integrifolia (West.) O.E. Sch. Cruciferae
(1) Flowers yellow by W.B.

208 Brassica integrifolia, (West.) O.E. Schultz. Cruciferae
(1) By WB.

209 Ery[illegible] [illegible] Euphorbiaceae
(1) Fruit old
Ery[illegible] oxylon acolatum L. by WB.

✓ 210 Psychotria sp. Rubiaceae
(9) [illegible]
Psychotria pubescens Sw. by WB

✓ 211 Psychotria sp. Rubiaceae
(4) [illegible], leaves dark green above
lighter below
Psychotria horizontalis Sw.

✓ 212 Leonurus sibiricus L. Labiatae
(1) [illegible]

OK 213 Solanum virgatum (var lactum) Solanaceae
(4) 3 ft woody plant, nutlets fleshy red
orange.
Solanum virgatum Lam., var. lactum, (Cav.) Dunal
OK 214 Pothomorphe umbellata Piperaceae
3 Leaves dark green, leaves opposite
Pothomorphe umbellata (L) Miq.

OK 215 Piper jacobinum Piperaceae
2 3 ft bush, leaves very pubescent
Piper scabrum Sw.

216 Eleutheranthera ruderalis (Sw) Sch. Compositae
(3) Flowers yellow. By W.B.

OK 217 Hippobroma longiflora Compositae
(2) Flowers white, plants with latex
Hippobroma longiflora (L.) G. Don. By W.B.

218 Eclipta alba (L.) Hassk. by W.B. Compositae
(2) Flowers white

219 Erigeron bonariensis L. Compositae
(1) Ray flowers white, disk flowers yellow

220 Hedychium coronarium Koenig Zingiberaceae
(3) Flowers white, very aromatic

221 Exostema longiflorum Stahlianae
(8) Flowers white turning red-pink
Exostemma longiflorum (Lam.) R&S. by W.B.
Pelicourea Domingensis (Jacq.) DC. by W.B
222 Faramea occidentalis Rubiaceae
3-6 ft. high in deep shade. Flowers white

223 Been for Hand.

224 - [illegible] Rubiaceae

(5) Solitary, terminal white flower

Albertia edulis A. Rich. by W.B.

Camino de la Costa [illegible] June [illegible]
" July [illegible]

225 ~~Chamaesyce~~ ~~[illegible]~~ Chamaesyce Torrei basii (Urb.) Millsp. by W.B.
(4) [illegible]

226 Heliotropium hypogaeum Urb & Ekman
(4) [illegible]
1st record Cuba?

227 Solanum
(6) [illegible]
Solanum Balamense L. by W.B.

228 Copernicia Brittonorum Lem
(15) [illegible] 10' [illegible]
[illegible] petals [illegible] long

229 Maytenus buxifolia (A. Rich.) Griseb. Pyle W.B. [illegible]
(20) [illegible] 12'. [illegible]

230 Lysiloma bahamensis Benth.
(10) [illegible] 15'.

231 Malpighia cubensis HBK

(8) shrub to 4' flos pale pink

232 Dyospyros [illegible]

(10) shrub 2' [illegible]

Diospyros Grisebachii (Heim.) Standley By W.B.

233 [illegible] Catalpa punctata Lamarck By W.B.

(12) Tree 18' [illegible]

234

tree 12' [illegible]

235 [illegible]

bush 10' [illegible]

✓ [illegible]

Peltophorum adnatum Griseb.

(993) Discard

Camino de la Costa –

11 July

236 Plumeria Plumieria obtusa L. by W.B.
(7)
[illegible]

237 Zanthoxylum
(3)
[illegible]
Erythroxylon rotundifolium Lunan by W.B.

238 Linociera buxifolia Griseb. by W.B. ~~[illegible]~~
(8)
[illegible] Oleaceae

239 Dryopteris micromata [illegible] Brisb.
(14)
[illegible]

240 [illegible] pectinata
(6)
[illegible]
Eragrostis ciliaris (L.) R.Br.

Hippomane mancinella L. by W.B.

241 Hippomane mancinella [illegible]
(4) Small tree [illegible] 5'x2'
Sandy soil

242 Jacquinia Sarica bahamensis Britt. by W.B.
(4) [illegible] 12' [illegible]

243 Reppia maritima L.
(2) [illegible]

244 Setaria utowanaea
(10) [illegible]
Setaria utowanaea (Schrbr.) Pilger.

245 Cathaspermum lindenii (Lindl) Cogn. det E.J. Lowe 13-3-52
[illegible] 11' [illegible] with yellow streak in throat [illegible]

Cayman to La Costa

246 Doerpfeldia cubensis (Britton) Urb. [illegible]
(16) [illegible] fruits [illegible]
[illegible]

247 [illegible] Erostema longiflorum (Jacq.) R. & S. by W.B.
10 [illegible] flowers [illegible]
[illegible]

248 Caesalpinia bahamensis Lam.
(3) Shrub 6' flowers yellow

249 Picrodendron
(15) [illegible] fruits green [illegible]
yellow [illegible]
Picrodendron macrocarpum (A. Rich.) Britt. by W.B.

250 Conocarpus
Shrub 5' [illegible] edge [illegible]
R. [illegible] Conocarpus erecta L. by W.B.
(2)

251 Plumeria Plumeria ~~alba~~ obtusa L by W.B.
(3) bush 8' sandy [illegible] flowers
deep [illegible]

252 [illegible]
(4) herb on limestone and coral along coast
Atriplex pentandra (Jacq.) Standley by W.B.

253 Rauwolfia Rauwolfia tetraphylla Jacq. by W.B.
(5) shrub 4' sandy [illegible]

254 Pouteria Pouteria domingensis (Gaertn.) Baehni [illegible]
(2) tree 15'–25' flowers [illegible]
corolla fruit greenish-yellow 2.5" diam
4 seeds - pulp yellow - edible from [illegible] sandy [illegible]

255 Morinda Morinda Royoc L. by W.B.
(4) vine on [illegible] sand fruits yellowish
flowers white - pulp in fruit.

Camino de la Costa

256 Tabebuia microphylla (Jacq.) Urb.
(6) Shrub 6-10' tall — [illegible]
pink fading white

257 Coccoloba uvifera L.
(2) Tree 25'

258 Rochrandia Rochrandia americana (Jacq.) Mitch. Rubiaceae
(4) low shrub — flowers pale yellow det. by W.B.
[illegible]

259 Triopteris rigida Sw.
(8) Shrub [illegible] — flowers [illegible]
[illegible] — [illegible]

260 Hebestigma cubensis (HBK) Urb.
(1) tree 15' pods green — [illegible]

Palm Springs, South of Central Conference
11 July 1917

261 Cameraria latifolia L. Apoc.
(12)
Stiff (green) tree 12' flrs white
Cameraria latifolia L. by W.B.

262 Byrsonima crassifolia (L) DC.
(1)
5' bush - flrs yellow - fruit green turning yellow

263 Buchnera Scroph.
(2)
flrs blue - foliage quite purplish green
Buchnera elongata Sw. by W.B.

264 Polygala bryzoides St. Hill.
(4)
(3)
flrs pale purple & yellow-green

265 Polygala bryzoides St. Hill.
(1)
[illegible] flowers

Palm Barranca, South Central Costa Rica.
11 July 1907

266 Diodia teres Walt. by W.B.
(8)

267 Mesechites
(1)
Mesechites rosea (DC) Miers. by W.B.

268 Cynanchum scorzoneraefolia (Lam.) Britt.
(2)

269 Tabernaemontana Tabernia lepidota (HBK) Britt. by W.B.
(11)

270 Acalypha Acalypha chamaedrifolia (Lam.) Muell. by W.B.
(1)

271 Abildgaardia monostachya (L) Vahl Cyp.
(8)

272 Eragrostis
(8) Eragrostis cubensis Hitch.

273 Bulbostylis setacea (Gmelin) Lowrey
(4)

274 Bulbostylis setacea (Gmelin.) Lowrey
(2)

275 Rhynchospora microcarpa Baldwin ex Gray
(10)

Pelham Barrens

276 Cuscuta chlorifolia (DC) Bail
(5) Most 6' pedicels longer and regular flower

277 Piringuetia cistoides (L) Meyer ex Steud. Turnsole
(1) flow yellow

278 Scleria ciliata Mich.
(3) Rhizome hairy [illegible]

279 Scleria lithosperma (L) Sw.
(8) Clump [illegible] of blade

280 Morinda Royoc L. by W.B
(8) Vine scrambling shrub fruit yellowish

281 Stachytarpheta jamaicensis (L) Vahl.
(3)

282 Croton
(3) Croton glandulosus L.

283 Sauvagesia Brownii Planch.
(1) flowers white

284 Angelonia
(1) flowers blue purple
Angelonia angustifolia Benth. by W.B.

285 Guettarda Guettarda calyptrata Rich. by W.B.
(11) Stems 7-8' fruits green

Palm Barrens

286 Selinopteris Prest.
(9) Clump in shade - large compound

287 Cissus acida L.
(1) Flow - August

288 ~~Pellaea~~ Calypteropsidium sartorianum (Berg.) K&V.
(8) Shade 6-9' fetid, lingers

289 Heliotropium antillanum Urb.
Prostrate plant - hairy to 1' long, small
elab & hairy - yellow tube on stand.

[illegible]

[illegible] Cassia

[illegible]

290 Zamia pygmaea Sims
(11) East Cuba [illegible]

291 Trema Lamarckiana (R. + Schl.) Bl.
(14) [illegible]

[illegible] Thymelaeaceae
(21) [illegible]

Daphnopsis oblongifolia Britt. & Wils.
Tetramicra erosa, Cuba B. Shafer 14-3-52

[illegible] Tepian alterna (L.) Britt. by W.B.
(6) [illegible]

Brownea microphylla Griseb. (x), aspenifolia C.E. Schultz, by W.B.

(9)

(1)

Mollugo cerviculata Fam. by W.B.

Cyperus flavus Vahl.

(9)

(2)

Cyanoscit pinnata (Desr.) Voigt by W.B.

Abildgaardia monostachya (L) Vahl.

(3)

300 [illegible] [illegible]

(5) [illegible]

Borreria thymocephala Griseb. by W.B.

301 [illegible] [illegible]

(8) Eragrostis cubensis Hitch.

302 Phthirusa pyrifolia (L.) Eng. [illegible]

(7) [illegible]

303 Rhabdadenia biflora OK [illegible]

(12) [illegible]

Neobracea Valenzuelana (Rich.) Urb. by W.B.

304 Desmodium canum (J. Gmel.) Schinz & Thellb. var. angustifolium (Gmel.) Schub.

(7) [illegible]

(1)

Richardia scabra L. by W.B.

(5)

Bomarea reticulata (Griseb) by W.B.

— Acalypha chamaedrifolia (Lam.) Muell. by W.B.

(8)

Calastrocoa

(1)

Rhacoma aquifolia (Griseb.) Urb. by W.B.

Bletia purpurea (Lam) DeCan det. S.L. Jones 18-3-52

Rajania mucronata Willd.
(7)

Dioclea teres Walt. by W.B.
(9)

Parinarita cistoides (L) Meyer ex Steudel.
(6)

Curculigo scorzonerifolia (Lam.) Baill.
(8)

Richardia
(2)
Nitracarpus crassifolius Rich by W.B.

Portulaca pilosa L.
(1)

Lygodium cubense HBK
(14)

Bursera magnensis Britt. ex W.B
(11)

319
& Coccothrinax Miraguama (HBK) Beca.

318 Echites umbellata Jacq. var. crassipes (A. Rich.) Maza
(4) by W.B

Asteria Muhlenbergii Steud.

(10)

Pteridium aquilinum var. caudatum (L) Saddeback

(6)

Croton sagraeanus Muell.

(2)

Schwenkia americana L. by W.B.

(10)

Selenicereus Boeckenii (Otto) Brit & Rose

(1) Spreading over rocks by W.B.

but stem and flower areoles tomentose as in S. grandiflorus

(9)

Eupatorium villosum, var. var. dolicholepis, W.B. by W.B.
Polygala hyssopides St. Hill.

(6)

(4)

Rudbeckia obtusata Gray. by W.B.

(3) Chaptalia tomentosa (L.) Less. by W.B.

Chrysanthellum americanum (L.) Vatke
(3) by W.B.

(4) Setaria setosa (Swr.) Beauv.

(4) Setaria geniculata (Lam.) Beauv.

(1) Anona bullata Rich. by W.B.

(6) RUSTY
Rondeletia comariosa C.Wr. by W.B.

(3) Thymopsis polygalifolia (Urb.) Gent. nov.
by W.B.

Cyperus paludosus Aubl.

(6)

Cuphea Parsonsia H.B.

(5)

(3) Pluchea odorata (L.) Cass. by W.A.

Betalitia mucronata Grisb.

(8)

(2) Ipomoea tenuissima Chois. by W.A.

(3)

Buchnera elongata Sw by W.B.

Elytraria planifolia Leonard

Karwinskia oblongifolia (Br W.) Urb.

Croton mummularifolium A. Rich.

Nuts.

not var ampla ds = S.C.

var speciosa

Nymphaea ampla (Salisb.) DC.

(12)

Fimbristylis ferruginea (L) Vahl.

(8)

Fimbristylis spadicea (L) Vahl.

(15)

Scirpus maritimus (Walt.) BSP. by W.B.

(9)

Lagunas along Rio Caonao

350 Bacopa monnieria (L.) Wells.
(11)

351
(4)

Bolbis maritima L. by W.B.

352 ~~Echites umbellata Jacq. var. caudiger (A. Rich.) Mega. by W.B.~~ 318
(3)

Rhabdadenia biflora (Jacq.) Muell. by W.B.

353
(3)

Urechites lutea (L.) Britt by W.B.

354
(5)

Enhydra sessilis (Sw.) DC.

Commelina elegans HBK

(2)

Typha stenopylis Pers. (T. truxillensis HBK)

(2)

Between Paso Cabello and Paso Iguitron, Coast

V 35 Pectis RITLANDII Howard + Beyg TYPE Coast.

(8) Recumbent fleshy gelt; on coral limestone, right on shore

Pectis ~~Jackii~~ Rancho Inno

Cleome

358 Cleome Capparid.

(3)

Cleome spinosa L. By W.B.

359 Scoparia dulcis L. By W.B.

(2)

360 Potamogeton nodosus Poir.

(16)

Potamogeton foliosus Raf.

(15)

163 Savia sessiliflora (Sw.) Willd. By W.B.
(9)

Antillaea lucida (Sw.) Britt. & Wils.
(19)

Gymnanthes lucida Sw. By W.B.
(5)

Peltophorum adnatum Griseb. Veg.
(25)

167 Tillandsia argentea Griseb
(5)

368, O.B.

Securinega Acidoton (L.) Fawcett. Journ Bot. 57:68 1919.

(10) 8-10' Shrub. Stems irregularly [illegible] Euphorb.

Anemia cumata Rtze

(17)

Exostema caribaeum (Jacq.) R&S.

(2)

Croton stenophylus, Griseb. by W.B.

(10) Extremely variable.

Does not seem to become glabrate (but neither does herb. material)

Branches of stellate hairs long, unlike herbarium material.

Thouinia trifoliata Poit. by W.B. Sapindac.

(7) 12'

(9) Guettarda elliptica Sw. By W.B.

(14) Citharexylum fruticosum L. var villosum (Jacq.) O.E. Schulz

(8)

Rhacoma crossopetalum, L. By W.B.
Atelia sp?

(1)

(17) Erythrina Elmer Howell + Briggs TYPE
~~Spec. nov.~~

378

(19) 15' [illegible] yellow

~~Rondeletia [illegible] (Ignatius) [illegible] & [illegible]~~

Rondeletia cowdeni Greenm. by W.B.

379 Andira inermis Benth.

(12) [illegible]

[illegible] Ficus laevigata Vell.

(7) [illegible]

[illegible] Croton organifolius Lam. by W.B.

(9) 3' [illegible]

[illegible] Cameraria latifolia L. by W.B.

(1) 4' Shrub [illegible]

Hamelia patens Jacq. by W.B.

(3)

Tecoacis divaricata (L.) Rich.

(16)

Ficus Combii Wat.

(9)

(8)

Guazuma ulmifolia Lam. by W.B.

(12)

Cordia globosa (L.) H.B.K. by W.B.

Dendrophylax varius (Grael.) Urb. Bfore 14-3-5

1

Lubia specirsa Willd.

(11)

Stenolobium stans (L.) Don by W.B.

(10)

Lantana camara L.

(5)

Bauwolfia hirsuta Jacq. by W.B.

(10)

Heliotropium angiospermum, Murr. by W.B.

(5)

(8)

Tournefortia perulata Poir by W.B.

~~Lantana~~ reticulata Pers.

(1)

Melochia modiflora Sw. by W.B.

(4) Scrambling 6'

Machaonia microphylla Gmel.

Above Tree line of Lonicera in hollows in Grasses
[illegible] 17 July 1957

29/1 ~~[illegible]~~

(7) Tree to about 5m. high, foliage dark green, [illegible] leaves [illegible] pulp about 2mm thick. Well [illegible] rough corky skin.

Corlia oblique Willd. by W.B.

20 July 1951

(12)

Bourreria microphylla Griseb. var. asperifolia, O.E. Schulz., by

Ipidendrum gracile, Lindl. by [illegible] W.A. 13-3-52

(4)

Solanum virgatum, Jam. var. lentum (Car.) Schulz.

Byronima lucida (Dw.) Rich.

(23)

(9)

Jacaranda Cowellii Brit. & Wils. by W.A.

Y04 Boerica [illegible]
(2) 2' Stem - Spreading branches - flowers [illegible]
fat orange

Bouvardia durancata (Vell) G. Don by W. B. Grimes

Y05 [illegible]
(10) [illegible]

Aristida refracta Griseb.

Y06 Sida linifolia Juss. ex Cav.
Sida - [illegible] - apetalous
(3) Scanty hairs - leaves [illegible] - flowers yellow [illegible]

Y07 Cyperus Swartzii (Dietr.) Boeckl.
(7)

Y08 Buxus sempervirens DC.
(2) 6' Tiny stems & long branches - [illegible] - [illegible]
[illegible] yellow [illegible]

409 *Piscidia cubensis* Urb.
(9) [illegible]

410 *Exogonium microdactylum* (Grisb.) House
(5) [illegible]

411 *Passiflora cubensis* Urb.
(7) [illegible]

412 *Polygala oblongata* (Britton) Blake
(18) [illegible]

413 *Psidium bullatum* Brit. & Wil.
(7) [illegible]

5 Kilos

414 Eupatorium

(2) 2' bush - slightly woody at base flos white

Ewida

Eupatorium villosum Sw. var dolicholepis Urb. By W.B.

415 Portulaca polisperma Urb. var. cubensis Urb.

(12) flos bright red - petals 1-1.5 inches diameter

416 Chamaesyce a) Chamaesyce Torralbasii (Urb.) Millsp.

(4) Urb. & prostrate weeds Ins Lairy - by W.B.

b) Chamaesyce pancipila (Urb.) Millsp.

(1) by W.B.

417 Passiflora foetida Cav.

(6) Vine

418a Argemia

(2) bushy at base stems prostate flos & fruits

panicles

418.b Argemia euphrasifolia Griseb. - by W.B.

↳ Neoracia valenzuelae Rich. Urb. by W.B

see 420

#19 Mycania

(7) Vine. Scandent on [illegible]

Mikania scandens (L.) Willd. by W.B.

#20 Nissolia valenzuelae (Rich.) Urb. Spire.

=418 A. 5-7' Shrub [illegible] flowers [illegible]

(11) [illegible] fruits dangling [illegible] but a [illegible] ??

Kent though I knew it!) [illegible] these

#21 Exp? Crozy

(16) 2' [illegible]

Pluchea foetida (L.) DC. by W. B.

#22 Smilax havanensis Jacq.

(3) Strong vine [illegible] 12'

#23 Phyllanthus Phyllanthus microanthus (Rich) by W.B.

(2) [illegible]

5 miles W of Sta Clara
20 July 1937

424 Cactus sp. Croton Sagraeanus Muell by W.B.
(8) 3' Shrub. lvs y-green above yellowish-white below

425 Solanum Randia spinifex (R x S.) Standley
(4) 5' Shrub. Stiff spiny. few branches
fruits green-orange

426 Tabernaemontana
(6) 10' Shrub. [illegible] lvs [illegible] green flos white
fruits paired
Tabernaemontana amblycarpa Urb. by W.B.

427 Hybanthus Wrightii Urb
(10) lip lowed - orange - white

428 Ipomoea
(3) Ipomoea tenuissima Choisy. By W.B.

Checklist of the Flora
20 July 1951

429 Rhynchospora cyperoides (Sw.) Mart. Cyper
(6)

430 Aristolochia passiflorifolia
(1) Aristolochia passiflorifolia A. Rich by W.B.

431 Bacopa micromeria (Guib.) Robin.
5
Rondeletia [illegible] white

432 Mollugo [illegible] Aizoac
(7) Rondeletia [illegible] white
Mollugo nudicaulis Lam. by W.B.

433 Rondeletia
(11) 6 [illegible] flowers purple
Rondeletia stachyoides C. Wr. by W.B.

5 Miles [illegible] of Sta Clara
20 July 1937

434 Polygonum Comp.
(6) Rocky hill [illegible]
Sacksia polycephala Griseb. by W.B.

435 Steinandrium Ocanll
(13) Rocky [illegible]
Steinandrium droseroides Nees. by W.B.

436 Tabebuia Tabebuia lepidota (HBK) Britt. [illegible]
(6) 5' [illegible] by W.B.

437 Rhacoma
(1) [illegible]
Rhacoma aquifolia (Griseb.) Urb. By W.B.

438 Elytraria Ocanll
(1) Rocky [illegible]
Elytraria shafori. (Wils) Leonard by W.B

[illegible] Ste Elena
[illegible] 1951

439 Bitaria mucronata Gust.
(7) 10' tree [illegible] yellow

440 Metastelma Metastelma cubensis Decne by W.B.
(1) [illegible]

441 Passiflora suberosa L.
(6) [illegible]

442 [illegible] Rondeletia brachycarpa (Griseb.) C. Wr.
(12) 8' Shrub by W.B

443 [illegible] Guettarda calyptrata Rich. by W.B.
(16)

444 Caesalpinia bahamensis Lam. 2
(2) Shrub

5 Kilometers W of Sta Ana
20 July 1957

445 [illegible]
(10) Aristida neglecta Scon.

446 Acalypha Acalypha chamaedrifolia (Lam.) Muell.
(1) by W.B.

447 Chrysanthellum americanum (L.) Vatke. by W.B.
(4) [illegible]

448 Buchnera
(1) [illegible]
Buchnera elongata Sw. by W.B.

449 Cleome obtusa Britton
[illegible] - [illegible] 6" long petals 4
[illegible] yellow - stamens 2 + 4

Pterocarpus vidalianus Rolfe RAH

450 Pterocarpus vidalianus Lyonne

(5) Garden 7-22-57

Jonesville vicinity, Vanderburgh
July 29, 1951

951 Crataegus [illegible] Stout, [illegible] South side
15 feet, [illegible] heavy

952 Crataegus [illegible] Sudell South side 20 ft,
[illegible] good [illegible]

Trail to lower dam, Lancetilla valley

30 [illegible]

~~455~~ Costaceae (Kitz.) Knobl.
[illegible]

455 Cornutia grandifolia (Ch. & Sch.) Sch. Verbenaceae
lowland shrub → 8', flowers pale lavender

456 Calathea marginata Marantaceae
Herb - 4 ft bracts yellow.

456 Pleistachya prunosa Marantaceae
Coarse herb - 7' purple purple

457 Heliconia crassa Musaceae
bracts yellow, flowers greenish yellow

458 ~~Psychotria~~ ? HOFFMANNIA HONDURENSIS S. Rubiaceae
woody herb 3' tall deep woods

459 Cordia ferruginea R+S. Fam Boraginaceae
spreading shrub to 6' yellow fruits red,
fleshy fleshy, edge-pubes

460 [illegible] (Jacq) St. Euphorb.
flowers white, tree to 15' tall

461 ~~Psychotria~~ ? RUDGEA CERATOPETALA Donn.Sm. Rubiaceae
Tree 12 ft tall fruits green.

462 Psychotria ? [illegible] Rubiaceae
Tree to 18', fruits green

463 Senecio [illegible] Benth. Comp
UW 0) [illegible] flowers orange red

464 Bocklenia laniflora Benth. Gesneriaceae
flowers orange

465 Ostbirum scandens Bracco
[illegible]

466 Rosina popenoei Standl. Rubiaceae
♀ [illegible] ♂ flowers [illegible] smaller
with [illegible]

467 Aphelandra aurantiaca (Schl.) Lindl. Acanthaceae
flowers orange red

468 Calathea macrosepala Warpuckeen
flowers cream yellow, bracts yellow cream

469 Pentagonia DONNELL-SMITHII S. Rubiaceae
tree to 15 ft. fruits brownish green

470 Reacia aculeata
green tubiflorous gen. [illegible]

471 Tillandsia FILIFOLIA CH. & SCH.
epiphyte

472 Anthurium
epiphyte epiphytic gen.

473 Anthurium
terrestrial epiphytic gen. [illegible]
epiphytic aroid

[illegible]

[illegible]

[illegible]

480 Tabernaemontana chrysocarpa Blake Apocynaceae
Fruits greenish yellow

481 Psychotria polyphlebia Donn. Sm. Rubiaceae
Low [illegible] leaves slightly [illegible]

482 Genera Rubiaceae
Inflorescence [illegible]
bract light purple

483 Geophila costaricensis (Klotz.) Kuntz. Rubiaceae
Coarse, woody herb [illegible]
[illegible]

484 Swartzia panamensis Benth. Fabaceae
Tree >80' [illegible] fragrance.

San Diego Co.

48 [illegible]

[illegible] flowers

[illegible] open flowers earlier

8" [illegible] very large, leaves to 14', blade 6';

flowers petals rusty, pubescent, bracts yellow tan,

1 seed Angiv v spotted with red, leaves glabrous, shiny

below, flowers greenish yellow, including im. fruits

1.7 [illegible] yellow to green, mature blue

Bracts red to rose, flowers yellow, fruits

yellow, flowers including fruits deciduous,

leaves petals glabrous, 4-5 feet long,

blade 3-6 feet, strongly glaucous below,

inflorescence pendulous

Lancaster Valley - Upper Dam
Aug 5, 1919

488 Dorotheanthus chaconiana Wats. v. integrifolia Brown Sm.
Leaf and wire edge, stiff, pale green
with dark margin, fl yellow

489 Xylobium CAERULEUM Rubl. Hamatown
Leaf 2 4" fl dark, fl red

490 Helianthus
Low plant 2 5', leaf yellow, fl yellow
Inner fl green 2 top, yellow below
off white.

491 Helianthus
plant 2 1½', off white, tubular, fl yellow

492 CALATHEA ALTISSIMA Koern. Mount
Leaf 2 6'- fl orange, leaf
purple orange -

1193 LYCIANTHES NITIDA BITTER

[illegible]

1194 Gelanthus BIPARTITUS Poit.

[illegible]

1195 Cyphelandra species Bunday. ?

[illegible]

1196

[illegible]

1197 Casearia phegopsora Standl.

[illegible]

Lantelle Valley - [illegible] dec
Aug 1 1927

498 Cerdocyon Gymnotis
about 2/3 18" from family [illegible]
4" posted

499 Antherura
[illegible], first seen

500 Pelecinus polyturator Oxt Myrmecia
[illegible] [illegible] [illegible]
[illegible] [illegible]

501 Anthrax
[illegible], [illegible] [illegible]

502 Prionyx [illegible] (Dimorphopsis) Stalk Sphecius
[illegible] [illegible] [illegible]
[illegible] [illegible]

Tela, on north bank near Lancetilla
cell box

503 Coccoloba Coccoloba hondurensis Lundell
Tree to 20', male specimens

504 Coccoloba - female fruit green Coccoloba hondurensis Lundell

505 Coccoloba - male Tree Coccoloba hondurensis Lundell

506 Coccoloba female Coccoloba hondurensis Lundell

507 Coccoloba · female Coccoloba hondurensis Lundell

Los Dragos fire lands
600' elt Aug 3, 1951

518 Purple flowered leaf
Schizophyllum pinitta Batt.

519 Lantana TRIFOLIA L

520 POLYGALA COSTARICENSIS CHOD
Polygalla - Purple flowers, small
herb. Fleshy root stock

521 Composite - Flower orange - roadside
herb BALTIMORA RECTA L.

522 POLYGALA BRYOIDES St. Hill.
Polygalla - erect annual, corolla
white with yellowish tips

523 Composite - Stem green Flowers
yellowish Erect herb up to 8' tall

LILACINA MOLD.

514 Cornutia – Flowers bluish purple. Leaves 4 stalk below – midrib red

CRUSEA CALOCEPHALA DC.

516 Petunia – Flowers blue-purple. Creeping plant.

516 Lily – Flowers white – anthers yellow. Tubers white

(Cham. & Schl.) Mueller

517 Quercus oleoides – trees with [illegible] 25-35 ft. high, 4-5 ft. diam., leaves pale on [illegible] surface, [illegible] from [illegible] variable in size, by [illegible] in [illegible]

INCERMIS (MILL.) JOHNSTON

518 Cordia – Bush 8 ft. Calyx drooping reddish. [illegible] white. Thick [illegible] fruit [illegible]

Triumfetta polyandra DC.

519 Sterculiaceae? Low shrub to 3-4 ft. high. Corolla dark yellow. Front green on the reflex [illegible]

PROSKIA CRUCIS L.

520 [illegible] Bush to 4' tall
Mature pods [illegible]

MEXICANA NBK

521 Heliotrope - Shrub to 10' tall
Flowers red [illegible]

522 Vitex gaumeri GREENM. [illegible] tree to 23' tall
bark [illegible] chips [illegible] off
vertical cracks - 10" [illegible] fruits
in hanging clusters. Green fruits [illegible]
fleshy [illegible] and single stone.
- 2 seeded

MIMOSA ALBIDA NBK

523 Legume. Prostrate & climbing
vine - very spiny.

ACACIA WINDSII BENTH.

524 Buff-horn acacia. Low shrub
to tree 15' tall.

Cranberry River Aug. 1, 1951

525 CASCARIA NITIDA (L) Jacq.
Flowering stage - Shrub about
6' tall. Fruits reddish
when mature.

526 Cuphea UTRICULOSA Koehne Shrub in seed
bed - to 2' tall. Petals pink-
lavender

527 Mer. hirsutum - Sub-sh - on rocks
submerged in river

528 ARTHROSTEMMA FRAGILE Linnaeus - Erect - on bushes
near river. Petals
pink-lavender.

Jutiapa area 8/3/51

529 Epidendrum nigrum Rankin? Epiphyte with bulbous base. Fruits 1-3 on a single erecting stalk.

530 Eugenodrum nigrum Ing. Epiphyte with fleshy leaves, bright green above, lighter below, not over 1-2 in. long. Pea-colored green flowers loosely crowded from bracts

531 Guettarda DEAMII STANDL. Tree - small - up to 15 ft tall with spreading crown. Mature fruit orange to scented - edible.

532 Macrophalis chrysophyllinka Pittier Tree? Trees 15' [illegible] [illegible] Pittier

533 Aedisia paschalis Donn. Sm. [illegible]
[illegible], [illegible] [illegible]
[illegible] [illegible] [illegible]

534 Tillandsia - [illegible]
[illegible] [illegible] [illegible]
[illegible]

535 [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]

536 [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] -35
[illegible]

537 [illegible] flexuosa L. [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] 10"

538 Schaefferia frutescens Jacq. | Celastraceae
Shrub 4–10', berry pink, Lake

539 Euonymus atropurpureus (Ball), Jeffrey
~~[illegible]~~ Celastraceae
Shrub 10–20' fruit

540 Cayponia [illegible]
Cayponia quinqueloba Standl.

Los Diegos [illegible]

[illegible] ANISOMERIS PROTRACTA (BARTL.) ST. [illegible]

[illegible] RUSSELIA SARMENTOSA JACQ. [illegible]

[illegible] TIARIDOIDES CHAM.

Great Beyond

544 Chiococca ~~hondurensis~~ Britton

Tree 15 ft. which flowers [illegible]

Best in pine land.

545 Escobedia laevis Cham. & Schl. Solanaceae

Herb to 2' tall, with orange red, flowers white. -in pinelands-

545 a Russelia verticillata HBK.

546 Buchnera pinnata HBK. Scrophul
Greenyard, prostrate 2-3 tall flowers
purple

547 Asclepias contrayerba Sesse & Moc. Asclep.
Greenyard, stem pubescent, 1' high

548 Bumelia Coccoloba pilosus HBK Sapotaceae
Dense flowers yellow, main branches leafless
to 6' high

549 Desmodium angustifolium (HBK) DC Leg.
flowers rose greenhead, with (top) and
slightly enlarged to 5' tall leaves
simple

550 Polygala longicaulis HBK Polygalaceae
To 3 tall flowers rose purple, upper & common
yellow, lower ones wholly green greenhead

551 Croton gracilis DC v. polygaloides (Riley) Senn
leaves simple, thyrsus elongated to the
next node greenhead - yellow

552 Ipomoea muricata Cav. Convolvul.
Branches prostrate ascending, flowers purple,
to 1 ft. high - greenhead

53 Deeleuxia fruticosa v. mexicana (HBK) Standl. Rob.

Woody shrub Rob, flr white, fr orbicular or slightly lunate

Broad leafed thickets along river - Tepuztlapa

54 Dikanna

[illegible]

55 Aroisia compressa (HBK) Standl.

[illegible]

56 Conzattia bauhinioides (DC) Britton

[illegible]

57 Acacia hondurensis Trel.

[illegible]

558 Quercus oleoides Cham. & Schl. – at 100' Figueroa
Tree to 25', bark [illegible] to
15" diameter, [illegible] beneath, [illegible]
[illegible]

559 Mimosa
about 1 2/3 [illegible]

560 Cocculus Tuxtlensis Dam. Sm.
Tree 50' – [illegible]
[illegible] 20"

561 Acalypha [illegible] Jacq
[illegible] – [illegible]
[illegible]

562 Zexmenia FRUTESCENS (Mill.) Blake Compositae
Tree 20' [illegible]
[illegible] 9" –

[illegible] – [illegible] (cultivated) alt. 600'
563 Spanish Dist.
[illegible]

NEACi DC

[illegible]

565 ~~Petunia~~ Ruellia geminiflora HBK

herb, woody at base, flrs purple, paler in throat + outside, unexpanded portion of tube white - stamens included: corolla lobes spreading

566 Lathyrus ~~Tephrosia mesogaeicus~~ Benth.

herb - woody at base flrs pink, pale on outside, lvs dull green above whitish to ~~tang~~ pubescent below. legumes + peduncles densely tom pubescent.

567 ~~Desmodium~~ Lysim.

Stem rec behind house at Los Angeles -

568 Curculigo - flower yellow Amaryllidaceae

569 Hypoxis - flowers yellow Amaryllidaceae

570 Croton ~~reparus~~ Schl. Euphorbiaceae.

low bush in pine woods, to 3', fruits green

571 Calliandra ~~lucens~~ (Britt.) Standl Leguminosae

filaments ~~separate~~, bright red, united at the base, shrub in pinelands, to 10' tall

572 Cuphea ~~lespedezoides~~ HBK Leg.

Erect herb to 2', flowers salmon.

573A Lycopodium CRASSIFOLIA (L) HBK

573B Sauvagesia ERECTA L

but trailing & erect fls pale pink lavender

574 Cuitlatlia (Hallowes) americana L.

Sparingly branched shrub to 9 ft. tall; fragile

[illegible] 2-3 in. long by [illegible] wide branches.

Blossoms [illegible]

Boca de Cafetalito - Sierra [illegible] above 15 km. W. of Cafetalito, Huancabamba Valley. 4 August 1957

575 Pitthecellobium [illegible] Sw.] Open pine forest.

Shrub to 4 ft., [illegible] right red. - in scrub, pine forest

576 Calea Trichotoma Blum.-Sm. Compos.

Shrub to 4 ft., fls. yellow.

577 Pinus caribaea Tree to 40 ft., to 30" diam.

[illegible] branches [illegible] pale green, sparse; bark red-brown, scaly, in rectangular blocks; [illegible] often [illegible] per [illegible] 3-5 cm. long, dark brown

578 Rhynchospora CRASSIFOLIA (L) DC.] In pine forest

Shrub, spreading to 9 ft. tall; [illegible] yellow, [illegible]

579 Cuitlatlia stipularis (HBK) Dm. Shrub [illegible] plant to 3 ft. high, [illegible] branched; [illegible] yellow. In scrub, open pine forest

580 Eupatorium vicosa Sess. (Compos.) Annual to 1 ft. high; corolla white. Disturbed soil, pine forest.

Amapa Station, on 15 km. S. of Formoso on Pernambuco
Sapucaia 6 August 1937, alt. ca. 500 ft.

581 Salix chilensis Molina. Trees to 50 ft. - bark
[illegible] - trees in [illegible] strips — [illegible] Rio Amapa

582 Equisetum GIGANTEUM L. Terrestrial in wet streams up to 4 ft.
[illegible] along banks of Rio Amapa

COMPOSITION BOOKS

No.	LVS.	SIZE
101-60	60	9¾ x 7⅝
101-72	72	9¾ x 7⅝
101-84	84	9¾ x 7⅝
104	120	9¾ x 7⅝

THE COVERS OF THIS BOOK HAVE BEEN TREATED WITH A SPECIAL VARNISH THAT PROTECTS AGAINST MOISTURE AND RUBBING

NOTICE HOW SMOOTH THEY ARE

THE PAPER HAS BEEN SPECIALLY SELECTED FOR A SMOOTH WRITING SURFACE, AND UNIFORM QUALITY, WHICH MAY BE IDENTIFIED WITH THE WATERMARK

LOOK FOR THE WATERMARK IN THE PAPER

Royal Writing

PLANTS OF HONDURAS

Riverbank plant, 5' tall; bracts and corolla deep purplish-red. Upper Dam. Lancetilla Valley.

No. 495 July 29–Aug. 10, 1951

Collected by: R. Howard, W. Briggs, P. Kamb, I. Lane, and R. Ritland

Carribean Ferns: 1950: Richard A. Howard.

TRINIDAD

-86. Selaginella producta Baker (S. platybasis sensu Alston, det. Morton)
-81. Selaginella tenella (Beauv.) Spring
-77. Selaginella mnioides (Liebm.) A.Br.
-85. Selaginella producta Baker (S. platybasis sensu Alston, det. Morton)
-80. Selaginella sp.
-57. Lygodium micans Sturm
-87. Trichomanes pinnatum Hedw.
-98. Blechnum indicum Burm.
* 4600. Eschatogramme furcata (L.) C.Chr.

GRENADA

-314. Lycopodium taxifolium Sw.
-351. Lycopodium taxifolium Sw.
-373. Selaginella flabellata (L.) Spr.
-315. Schizaea fluminensis Miers.
-321a. Hymenophyllum hirsutum (L.) Sw. (syn. H. ciliatum Sw.)
-321b. Hymenophyllum polyanthos Sw.
-324. Trichomanes trigonum Desv. (T. fimbriatum Backh.)
-368. Trichomanes hymenophylloides v.d.B.
-323. Trichomanes crispum L.
-313. Trichomanes rigidum Sw.
-322. Trichomanes holopterum Kze.
-364. Sticherus bifidus (Willd.) Ching
-252. Doryopteris concolor (L.&F.) Kuhn
-338. Cyathea tenera (J.Sm.) Moore
-372. Cochlidium seminudum (Willd.) Maxon
-316. Ctenopteris jubaeformis (Kaulf.) J.Sm. (better, Polypodium jubaeforme Kaulf., for consistency).

ST. LUCIA

*-1294. Psilotum nudum (L.) Griseb.
-1333. Psilotum nudum (L.) Griseb.
-1254. Lycopodium cernuum L.
-1331. Lycopodium taxifolium Sw.
-1931. Lycopodium dichotomum Jacq. (narrow-leaved form).
-1273. Selaginella flabellata (L.) Spring.
-1343. Trichomanes hymenophylloides v.d.B.
-1083. Trichomanes pinnatum Hedw.
-1360. Trichomanes membranaceum L. (Lecanium, Presl)
-1056. Dicranopteris pectinata (Willd.) Underw.
-1252. Pteridium aquilinum (L.) Kuhn ssp. caudatum (L.) Bonap.
-1309. Lindsaea montana Fée
-1061. Pityrogramma calomelanos (L.) Link
-1284. Nephrolepis biserrata (Sw.) Schott
-1085. N. rivularis (Vahl.) Mett.
-1053. Cyathea arborea (L.) J.E.Sm.
-1390. Hemitelia muricata (Willd.) Fée, det. Morton (Cyathea, Willd.)
-1274. Tectaria incisa Cav.
-1312. Elaphoglossum longifolium Jacq.) J.Sm.
-1086. Meniscium reticulatum (L.) Sw. (Dryopteris, Urban)
-1313. Dryopteris clypeolutata (Desv.) Weatherby
-1391. Blechnum volubile Kaulf.
-1253. Blechnum indicum Burm.
-1060. Blechnum occidentale L.
-1324. Asplenium cuneatum Lam.
-1321. Polypodium suspensum L.
-1191. Polypodium Phyllitidis L. (Campyloneurum, Presl)
-1057. Polypodium lycopodioides L. (Microgramma, Copel.)
-1369. Polypodium lycopodioides L.
-1197. Polytaenium Feei Maxon

MARTINIQUE

*1480. Psilotum nudum (L.) Griseb.
-1432. Hemionitis palmata L.

GUADELUPE

-1539-~~1540~~. Lycopodium meridionale Underw. & Lloyd (ssp. of L. carolinianum L.)
-1517. Blechnum L'Herminieri (Bory) C.Chr.
-1514. Polypodium duale Maxon (Xiphopteris serrulata (Sw.) Kaulf.)

ST. KITTS

-1647. Lycopodium tortum Sieber. ex Underw. & Lloyd (not L. curvatum Sw.)
-1658. Hymenophyllum lineare Sw.
-1650. Dicranopteris pectinata (Willd.) Underw.
-1649. Sticherus bifidus (Willd.) Ching.
-1664. Hemitelia obtusa Kaulf.
-1678. Elaphoglossum Dussii Underw. ex Maxon
-1663. Dryopteris clypeolutata (Desv.) Weatherby
-1462. Blechnum striatum (Sw.) C.Chr.
-1661. Polypodium duale Maxon (Xiphopteris serrulata (Sw.) Kaulf.)
-1651. Polypodium loriceum L.

? 1290 ? ? 1659 ? 1655

NEVIS

1632. Psilotum nudum (L.) Griseb.
1626. Cyathea sp.
1630. Vittaria lineata (L.) J.E.Sm.

DOMINICAN REPUBLIC

1922. Lycopodium aqualupianum Spring
2021. Lycopodium taxifolium Sw.
2006. Lycopodium serratum Thunb.
1921. Lycopodium linifolium L.
1931. Lycopodium sp.
2009. Botrychium cicutarium (Savigny) Sw.
1914. Ophioglossum palmatum L.
1866. Pellaea ovata (Desv.) Weath.
2023. Cyathea Hieronymii Brause (det. Morton)
1989. Rhipidopteris peltata (Sw.) Schott
2024. Elaphoglossum chartaceum (Baker) C.Chr. (det. Morton)
1920. Elaphoglossum chartaceum (Baker) C.Chr. (det. Morton)
1915. Polybotrya cervina (L.) Kaulf. form (juvenile, but fertile).
1924. Polypodium trifurcatum L. (Grammitis, Copeland)
2019. Polypodium trichomanoides L.

TOBAGO

174. Selaginella trifurcata Baker
163. Selaginella Lamairei Hieron.

ST. VINCENT

909. Lycopodium reflexum Lam. var. (Lycopodium rigidum Gmel.)
917. Selaginella sp.
906. Dryopteris (Lastrea) n.sp.
852. Polybotrya cervina (L.) Kaulf.
901. Blechnum striatum (Sw.) C.Chr.

MONTSERRAT

1603. Selaginella flabellata (L.) Spring
1613. Trichomanes alatum Sw.
1583. Trichomanes polypodioides L.
1605. Cyathea arborea (L.) J.E.Sm. probably
1606. C. tenera (J.Sm.) Moore
1591. Cyclosorus goggilodus (Schkuhr.) Link
1607. Elphoglossum undulatum (Willd.) Moore
1602. Blechnum exaltata (Fée)
1609. Polypodium suspensum L.

? 1590 ? 1679 ? 1715 ? 1769 ? 1786 ? 1911

ISLE OF RANCH, GRENADINES

478. Phlebodium aureum (L.) J.Sm. (Polypodium, Linnaeus)

DOMINICA

1484. Sticherus bifidus (Willd.) Ching
1485. Pityrogramma calomélanos (L.) Link
1480. Blechnum indicum Burm.
1446. Vittaria lineata (L.) J.E.Sm.

BEQUIA, GRENADINES

963. Cheilanthes microphylla Sw.
965. Adiantum villosum L.
984. Paltonium lanceolatum (L.) Presl
980. Phlebodium aureum (L.) J.E.Sm. (Polypodium, Linnaeus)

UNION, GRENADINES

706. Doryopteris concolor (L.&F.) Kuhn
679. Polypodium polypodioides (L.) Watt
711. Phlebodium aureum (L.) J.Sm. (Polypodium, Linnaeus)